



BA84 SERIES CRYSTAL - 8.0 x 3.8mm SMD

Frequency Range	12.000MHz ~ 27.000MHz
Mode of Oscillation	Fundamental, 3OT
Load Capacitance (CL)	Standard (12.5pF, 6pF) User Spec
Frequency Tolerance (25 °C)	±30 ppm Standard, User Spec
Frequency Stability	±50 ppm Standard, User Spec
Shunt Capacitance (CO)	5.0pF typical
Drive Level (DL)	1.0µW max
Operating/ Storage Temperature Range	-40 °C to +85°C
Aging	±3 ppm per year max

MOTIONAL RESISTANCE (ESR)

Frequency (MHz)	12.000	12.001 < 23.999	24.000 < 27.000
CI (Ω)	120	100	60
Overtone	Fundamental	Fundamental	3 rd Overtone

PART NUMBERING GUIDE

Series	Tolerance	Temperature Range/Stability	Load	Freq
BA84	±30ppm = 5	-40 °C to +85°C/ ±50ppm = K	06 = 6pF	27M000
	±50ppm = 6	-40 °C to +85°C/ ±100ppm = L	12.5 = 12.5pF	
			XX = User Spec	

For other Tolerance, Stability, and Temperature options please consult factory

Example P/N: BA84 – 5 – L – 12.5 – 27M000

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MECHANICAL DRAWING

